

# Universal computable enumerations of finite classes of families of total functions

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## Abstract

© 2016, Allerton Press, Inc. In the paper we introduce the notion of a computable enumeration of a class of families. We prove a criteria for the existence of universal computable enumerations of finite classes of computable families of total functions. In particular, we show that there is a finite computable class of families of total functions without universal computable enumerations.

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## Keywords

arithmetical enumeration, class of families, computable enumeration, universal enumeration